Table of Contents for Volume 46

Volume 46, Number 1, 2011

Accuracy in Parameter Estimation for the Root Mean Square Error of Approximation: Sample Size Planning for Narrow Confidence Intervals 1
Ken Kelley and Keke Lai

Fractals, Vigilance, and Adolescent Diabetes Management: A Case for When Regulation May Be Difficult to Measure With the Current Medical Standards 33
Jonathan Butner, T. Nathan Story, Cynthia A. Berg, and Deborah J. Wiebe

Robust Mokken Scale Analysis by Means of the Forward Search Algorithm for Outlier Detection 58
Wobbe P. Zijlstra, L. Andries van der Ark, and Klaas Sijtsma

A Systematic Review of Propensity Score Methods in the Social Sciences 90
Felix J. Thoemmes and Eun Sook Kim

A Tutorial and Case Study in Propensity Score Analysis: An Application to Estimating the Effect of In-Hospital Smoking Cessation Counseling on Mortality 119
Peter C. Austin

2010 Tanaka Award Winner Announcement 152

Recognition of MBR Reviewers 153

Volume 46, Number 2, 2011

The Longitudinal Interplay of Adolescents' Self-Esteem and Body Image: A Conditional Autoregressive Latent Trajectory Analysis 157
Alexandre J. S. Morin, Christophe Maïano, Herbert W. Marsh, Michel Janosz, and Benjamin Nagengast

Sensitivity Analysis in Structural Equation Models: Cases and Their Influence 202
Jolynn Pek and Robert C. MacCallum

Bias and Efficiency in Structural Equation Modeling: Maximum Likelihood Versus Robust Methods 229
Xiaoling Zhong and Ke-Hai Yuan

On Inclusion of Covariates for Class Enumeration of Growth Mixture Models 266
Libo Li and Yih-Ing Hser

Dynamic Factor Analysis Models With Time-Varying Parameters 303
Sy-Miin Chow, Jiyun Zu, Kim Shifren, and Guangjian Zhang

The Hull Method for Selecting the Number of Common Factors 340
Urbano Lorenzo-Seva, Marieke E. Timmerman, and Henk A. L. Kiers

Table of Contents for Volume 46

Volume 46, Number 1, 2011

Accuracy in Parameter Estimation for the Root Mean Square Error of Approximation: Sample Size Planning for Narrow Confidence Intervals 1
Ken Kelley and Keke Lai

Fractals, Vigilance, and Adolescent Diabetes Management: A Case for When Regulation May Be Difficult to Measure With the Current Medical Standards 33
Jonathan Butner, T. Nathan Story, Cynthia A. Berg, and Deborah J. Wiebe

Robust Mokken Scale Analysis by Means of the Forward Search Algorithm for Outlier Detection 58
Wobbe P. Zijlstra, L. Andries van der Ark, and Klaas Sijtsma

A Systematic Review of Propensity Score Methods in the Social Sciences 90
Felix J. Thoemmes and Eun Sook Kim

A Tutorial and Case Study in Propensity Score Analysis: An Application to Estimating the Effect of In-Hospital Smoking Cessation Counseling on Mortality 119
Peter C. Austin

2010 Tanaka Award Winner Announcement 152

Recognition of MBR Reviewers 153

Volume 46, Number 2, 2011

The Longitudinal Interplay of Adolescents' Self-Esteem and Body Image: A Conditional Autoregressive Latent Trajectory Analysis 157
Alexandre J. S. Morin, Christophe Maïano, Herbert W. Marsh, Michel Janosz, and Benjamin Nagengast

Sensitivity Analysis in Structural Equation Models: Cases and Their Influence 202
Jolynn Pek and Robert C. MacCallum

Bias and Efficiency in Structural Equation Modeling: Maximum Likelihood Versus Robust Methods 229
Xiaoling Zhong and Ke-Hai Yuan

On Inclusion of Covariates for Class Enumeration of Growth Mixture Models 266
Libo Li and Yih-Ing Hser

Dynamic Factor Analysis Models With Time-Varying Parameters 303
Sy-Miin Chow, Jiyun Zu, Kim Shifren, and Guangjian Zhang

The Hull Method for Selecting the Number of Common Factors 340
Urbano Lorenzo-Seva, Marieke E. Timmerman, and Henk A. L. Kiers

VOLUME 46 TABLE OF CONTENTS

On the Usefulness of a Multilevel Logistic Regression Approach to Person-Fit Analysis 365
Judith M. Conijn, Wilco H. M. Emons, Marcel A. L. M. van Assen, and Klaas Sijtsma

Volume 46, Number 3, 2011

Special Issue: Propensity Score Analysis

Editorial: Introduction to the Special Issue on Propensity Score Methods in Behavioral Research 389
Robert M. Pruzek

An Introduction to Propensity Score Methods for Reducing the Effects of Confounding in Observational Studies 399
Peter C. Austin

The Use of Propensity Scores in Mediation Analysis 425
Booil Jo, Elizabeth A. Stuart, David P. MacKinnon, and Amiram D. Vinokur

Covariate Selection in Propensity Scores Using Outcome Proxies 453
Ben Kelcey

Challenges With Propensity Score Strategies in a High-Dimensional Setting and a Potential Alternative 477
Jennifer Hill, Christopher Weiss, and Fuhua Zhai

The Use of Propensity Scores for Nonrandomized Designs With Clustered Data 514
Felix J. Thoemmes and Stephen G. West

A Comparison of Paper and Online Tests Using a Within-Subjects Design and Propensity Score Matching Study 544
Susan M. Lottridge, W. Alan Nicewander, and Howard C. Mitzel

Volume 46, Number 4, 2011

Bayesian Inference for Growth Mixture Models with Latent Class Dependent Missing Data 567
Zhenqiu Laura Lu, Zhiyong Zhang, and Gitta Lubke

Model Selection with the Linear Mixed Model for Longitudinal Data 598
Ji Hoon Ryoo

VOLUME 46 TABLE OF CONTENTS

Investigating the Nature of Method Factors Through Multiple Informants: Evidence for a Specific Factor? 625
Guido Alessandri, Michele Vecchione, John Tisak, and Claudio Barbaranelli

Formulation and Application of the Hierarchical Generalized Random-Situation Random-Weight MIRID 643
Lai-Fa Hung

Analyzing Longitudinal Item Response Data via the Pairwise Fitting Method 669
Zhi-Hui Fu, Jian Tao, Ning-Zhong Shi, Ming Zhang, and Nan Lin

2009 Cattell Award Address Paper

Multilevel SEM Strategies for Evaluating Mediation in Three-Level Data 691
Kristopher J. Preacher

Volume 46, Number 5, 2011

Identification of Differential Item Functioning in Multiple-Group Settings: A Multivariate Outlier Detection Approach 733
David Magis and Paul De Boeck

Estimating Independent Locally Shifted Random Utility Models for Ranking Data 756
Kar Yin Lam, Alex J. Koning, and Philip Hans Franses

Comparison of Methods for Collecting and Modeling Dissimilarity Data: Applications to Complex Sound Stimuli 779
Bruno L. Giordano, Catherine Guastavino, Emma Murphy, Mattson Ogg, Bennett K. Smith, and Stephen McAdams

Editorial: Introduction to the Special Section on Causal Inference in Cross Sectional and Longitudinal Mediational Models 812
Stephen G. West

Bias in Cross-Sectional Analyses of Longitudinal Mediation: Partial and Complete Mediation Under an Autoregressive Model 816
Scott E. Maxwell, David A. Cole, and Melissa A. Mitchell

Commentary: Are Three Waves of Data Sufficient for Assessing Mediation? 842
Charles S. Reichardt

VOLUME 46 TABLE OF CONTENTS

Commentary: Mediation Analysis, Causal Process, and Cross-Sectional Data 852
Patrick E. Shrout

Commentary: Using Potential Outcomes to Understand Causal Mediation Analysis 861
Kosuke Imai, Booil Jo, and Elizabeth A. Stuart

Volume 46, Number 6, 2011

Conceptualizing and Estimating Process Speed in Studies Employing Ecological Momentary Assessment Designs: A Multilevel Variance Decomposition Approach 875
Mariya P. Shiyko and Nilam Ram

Comparison of Modern Methods for Analyzing Repeated Measures Data With Missing Values 900
G. Vallejo, M. P. Fernández, P. E. Livacic-Rojas, and E. Tuero-Herrero

Scaling Variances of Latent Variables by Standardizing Loadings: Applications to Working Memory and the Position Effect 938
Karl Schweizer

Latent Differential Equation Modeling of Self-Regulatory and Coregulatory Affective Processes 956
Joel S. Steele and Emilio Ferrer

Reply to Steele & Ferrer: Modeling Oscillation, Approximately or Exactly? 985
Johan H. L. Oud and Henk Folmer

Response to Oud & Folmer: Randomness and Residuals 994
Joel S. Steele & Emilio Ferrer

SMEP STUDENT PAPER COMPETITION ABSTRACTS 1004

Abstract: Identifying Longitudinal Patterns of Adherence to Treatment for Obstructive Sleep Apnea 1005
Steven F. Babbin, Wayne F. Velicer, Mark S. Aloia, and Clete A. Kushida

Abstract: Comparing Semiparametric and Parametric Methods for Modeling Interactions Among Latent Variables 1007
Ruth E. Baldasaro and Daniel J. Bauer

Abstract: A Meta-Analysis of the Autocorrelation in Single Case Designs 1009
Jonathan G. Boyajian and William R. Shadish

Abstract: An International Comparison of Private and Public Schools Using Multilevel Propensity Score Methods and Graphics 1010
Jason M. Bryer and Robert M. Pruzek

Abstract: Inference and Interval Estimation for Indirect Effects With Latent Variable Models 1012
Carl F. Falk and Jeremy C. Biesanz

VOLUME 46 TABLE OF CONTENTS

Abstract: Sample Size Planning for Latent Curve Models 1013
Keke Lai

Abstract: Within-Person Processes Leading to Quarrelsome Behavior in Interactions Between Romantic Partners 1014
Gentiana Sadikaj, D. S. Moskowitz, & David C. Zuroff

Abstract: Evaluation of Test Statistics for Robust Structural Equation Modeling With Nonnormal Missing Data 1016
Xin Tong, Zhiyong Zhang, and Ke-Hai Yuan

Annual Contents Listing